

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("20040169929").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/20 13:43
L2	231207	receptor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:43
L3	74259	2 same "5"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:43
L4	118719	grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:44
L5	236	2 same 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:44
L6	8	("4665310"   "4885734"   "5224197"   "5385116"   "5410529"   "5739952"   "5793733"   "5822293").PN. OR ("6069859").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 14:26
L7	196	359/576[cccls]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:27
L8	24	("4807950"   "5029154"   "5175647"   "5238785"   "5258871"   "5327515"   "5340637"   "5368992"   "5422745"   "5434708"   "5604829"   "5633966"   "5652818").PN. OR ("5760960").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 14:47
L9	15	("4458980"   "4665310"   "4672187"   "4733065"   "4868803"   "4873678"   "4945525"   "5015835"   "5029154"   "5085496"   "5101389"   "5257131"   "5258871").PN. OR ("5434708").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 14:48
L10	19	("4885734"   "4945527").PN. OR ("5085496").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 14:50
L11	22	("3622220"   "4863224"   "4946253"   "4993789"   "5085496"   "5272550"   "5331445").PN. OR ("5486934").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 14:53
L12	17	("3603668"   "4257673"   "4672187"   "4894815"   "5029154"   "5048925"   "5085496"   "5093749"   "5101389").PN. OR ("5245596").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 15:16

## EAST Search History

L13	152040	spectroscop\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:16
L14	3281	4 same 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:17
L15	159	2 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:21
L16	6596	13 adj6 measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:21
L17	175	4 same 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:47
L18	177	356/305[ccls]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:50
L19	1101	356/328[ccls]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:47
L20	10844	reflecti\$5 adj5 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:50
L21	309	19 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:59
L22	3245	385/37[ccls]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:00

## EAST Search History

L23	151	13 and 22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:13
L24	468173	feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:13
L25	580064	light adj5 source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:25
L26	8415	24 same 25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:30
L27	43	20 same 26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:36
L28	650	20 same 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:37
L29	875046	laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:37
L30	499	28 same 29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:37
L31	13	("3631360"   "3653742"   "3961188"   "5301201"   "5357591"   "5434426"   "5488681"   "5680233"   "6045208"   "6215928"   "6219478"   "6252647"   "RE37809").PN. OR ("6947453").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 17:09
L32	914	372/102[ccls]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 17:10

## EAST Search History

L33	477	20 and 32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 17:30
L34	390	359/572[ccls]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 17:35
L35	5	("4711512"   "5224198"   "5742262"   "5835661"   "5966223").PN. OR ("6833955").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 17:38
L36	10	("20020126394"   "4866694"   "5068751"   "5946281"   "6130779"   "6307832"   "6359852"   "6396789"   "6700856"   "6704250").PN. OR ("6791755").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 17:40
L37	12	("4753513"   "4846552"   "4991937"   "5029988"   "5245471"   "5367403").PN. OR ("5535055").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 17:47
L38	10	("4763334"   "4873697"   "4934784"   "5138495"   "5285314").PN. OR ("5373519").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 18:17
L39	4571	372/43[ccls]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:18
L40	27	20 and 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:18
L41	4975	reflecti\$6 adj5 hologra\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:20
L42	0	39 and 41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:20
L43	14602	diffractive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:20
L44	8	39 and 43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:20

## EAST Search History

L45	2	("5373519").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/20 18:22
L46	1210	372/50.1[ccds]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:22
L47	47	43 and 46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:25
L48	30	stabiliz\$7 adj5 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:26
L49	7408	stabiliz\$7 adj5 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:26
L50	1577	stabiliz\$7 adj5 25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:26
L51	120	20 same 49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:26
L52	14	20 same 50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:27
L53	0	41 same 50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:27
L54	3	41 same 49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:27

## EAST Search History

L55	127	51 or 52 or 54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:30
L56	127845	semiconductor adj5 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:30
L57	700	20 same 56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:31
L58	318	20 near15 56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 18:31
L59	8	("5293038"   "5446719"   "5515354"   "5615203"   "5874730"   "5939773"   "6192020"   "6392977").PN. OR ("6614743"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 18:40
L60	20	("4733065"   "4823335"   "5172368"   "5477386"   "5541906"   "5608708"   "5621716"   "5627806"   "5694385"   "5712841"   "5923636"   "6278681").PN. OR ("6584060"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 18:43
L61	10	("5029255"   "5060217"   "5198916"   "5436876").PN. OR ("5627806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 18:47
S1	237	outgoing adj8 grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:27
S2	27989	zero\$4 adj5 order	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:27
S3	13	S1 same S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:31
S4	146557	waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:32

## EAST Search History

S5	118719	grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:32
S6	16516	S4 same S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:32
S7	0	incidnet adj5 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:32
S8	5459	incident adj5 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:32
S9	600	S6 same S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:32
S10	8	("4711512"   "5224198"   "5455693"   "5682255"   "5724163"   "5812186"   "5856842"   "6577411").PN. OR ("6882479"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 10:40
S11	49	("3970357"   "4235442"   "4248093"   "4249744"   "4367876"   "4407564"   "4624462"   "4671603"   "4711512"   "4768853"   "4946253"   "4998787"   "5013047"   "5061027"   "5082286"   "5101460"   "5111314"   "5119454"   "5159473"   "5188368"   "5224198"   "5237434"   "5448659"   "5455693"   "5486934"   "5500912"   "5515184").PN. OR ("5682255").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 10:42
S12	6	("4711512"   "5082629"   "5682255"   "5966223"   "6580529"   "6611385").PN. OR ("6757105").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 10:49
S13	28	("4400616"   "4662711"   "4865407"   "4887255"   "5026131"   "5040864"   "5082339"   "5121229"   "5295208").PN. OR ("5515184").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 10:53
S14	24	("4077699"   "4087159"   "4838630"   "4906839"   "4917450"   "5061027"   "5082368"   "5101460"   "5121182"   "5129041"   "5159473"   "5185814").PN. OR ("5500912"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 10:55
S15	48	("4945529"   "5050153"   "5093821"   "5278813"   "5363363"   "5513164"   "5544143"   "5557601").PN. OR ("5696749"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 11:21
S16	26	("5010458"   "5044718"   "5101458").PN. OR ("5420947"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 13:37